Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Claims 1-25 canceled.

26. (currently amended) A circular saw blade, comprising a planar saw body and a cutting edge encircling said planar saw body and defining a rotational direction for cutting, said planar saw body having a planar annular section having oppositely facing parallel surfaces and having a substantially uniform axial thickness between said oppositely facing parallel surfaces, said planar annular section defining a plurality of cavities therein, each one of said cavities being sufficient to receive liquid therein for transport, wherein, with respect to the rotational direction of cutting defined by said cutting edge of the saw blade, each said cavity ~~defines~~ consists of a generally triangular cross-section consisting of a leading corner, a trailing edge, and a narrow-to-wide transition ~~there~~ between said leading corner and said trailing edge, said trailing edge being the edge of the triangular cross-section having the smallest angle of inclination to a radius of said planar saw body.

27. (previously presented) The circular saw blade of claim 26, wherein said trailing edge of each said cavity is oriented at negative five degrees to a radius of the saw body that intersects an end of said trailing edge of said respective cavity, and wherein each said cavity includes corners, all of which are rounded.

28. (previously presented) The circular saw blade of claim 26, wherein said plurality of cavities are the only cavities defined by said planar annular section of said saw body.

Claim 29 is canceled.

30. (previously presented) The circular saw blade of claim 28, wherein said triangular cross-section defines a geometric shape consisting of three approximately equal sides.

31. (previously presented) A circular saw blade, comprising a planar saw body and a cutting edge encircling said planar saw body and defining a rotational direction for cutting, said planar saw body having a planar annular section having oppositely facing parallel surfaces and having a substantially uniform axial thickness between said oppositely facing parallel surfaces, said planar annular section defining a plurality of cavities therein, each one of said cavities being sufficient to receive liquid therein for transport, wherein the cumulative opening area of the plurality of cavities equals approximately six percent of a cutting triangle of the circular saw blade.

32. (previously presented) The circular saw blade of claim 31, wherein the plurality of cavities consists of three cavities, and wherein the opening area of each cavity equals approximately two percent of the area of the cutting triangle of the circular saw blade.

33. (previously presented) The circular saw blade of claim 31, wherein said plurality of cavities comprise only three cavities angularly spaced at 120 degrees relative to one another about a center of said saw body.

34. (new) A circular saw blade, comprising a planar saw body and a cutting edge encircling said planar saw body and defining a rotational direction for cutting, said planar saw body having a planar annular section having oppositely facing parallel surfaces and having a substantially uniform axial thickness between said oppositely facing parallel surfaces, said planar annular section defining a plurality of cavities therein, each one of said cavities being sufficient to receive liquid therein for transport,

(a) wherein, with respect to the rotational direction of cutting defined by said cutting edge of the saw blade, each said cavity consists of a generally triangular cross-section consisting of a leading corner, a trailing edge, and a narrow-to-wide transition between said leading corner and said trailing edge, said trailing edge being the edge of the triangular cross-section having the smallest angle of inclination to a radius of said planar saw body, and

(b) wherein, the cumulative opening area of the plurality of cavities equals approximately six percent of a cutting triangle of the circular saw blade.